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further comprising a second color component rotator.

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**THE UNIVERSITY OF CHICAGO**

5                    9. The projection display system of claim 1  
further comprising a pair of relay lenses.

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23. The projection display system of claim 17 further comprising a pair of relay lenses.

5                    25. The projection display system of claim 17  
further comprising a pair of dichroic filters.

15                    27. The projection display system of claim 17  
wherein said projection source projects a projected image  
formed from three color components.

28. The projection display system of claim 27  
20 wherein said three color components are red, blue and  
green.

29. The projection display system of claim 17  
further comprising a third and fourth color component  
rotator.

30. The projection display system of claim 29 wherein said three images generated by said liquid crystal panels are combined in one of said polarizing beamsplitters.

31. The projection display system of claim 30  
wherein said fourth color component rotator is located  
between said projection source and one of said polarizing  
35 beamsplitters in which said three images are combined.

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5                    38. The method of claim 32 wherein said  
polarization state of said second color component is  
changed using a color component rotator.

40. The method of claim 39 wherein said first,  
15 second and third color components are reflected onto  
respective liquid crystal display panels using only two  
polarizing beamsplitters.

42. The method of claim 32 further comprising  
25 the step of changing the polarization state of said first  
color component before generating said image from said  
first color component.

43. The method of claim 42 further comprising  
30 the step of changing the polarization state of said first  
color component again after generating said image from  
said first color component.